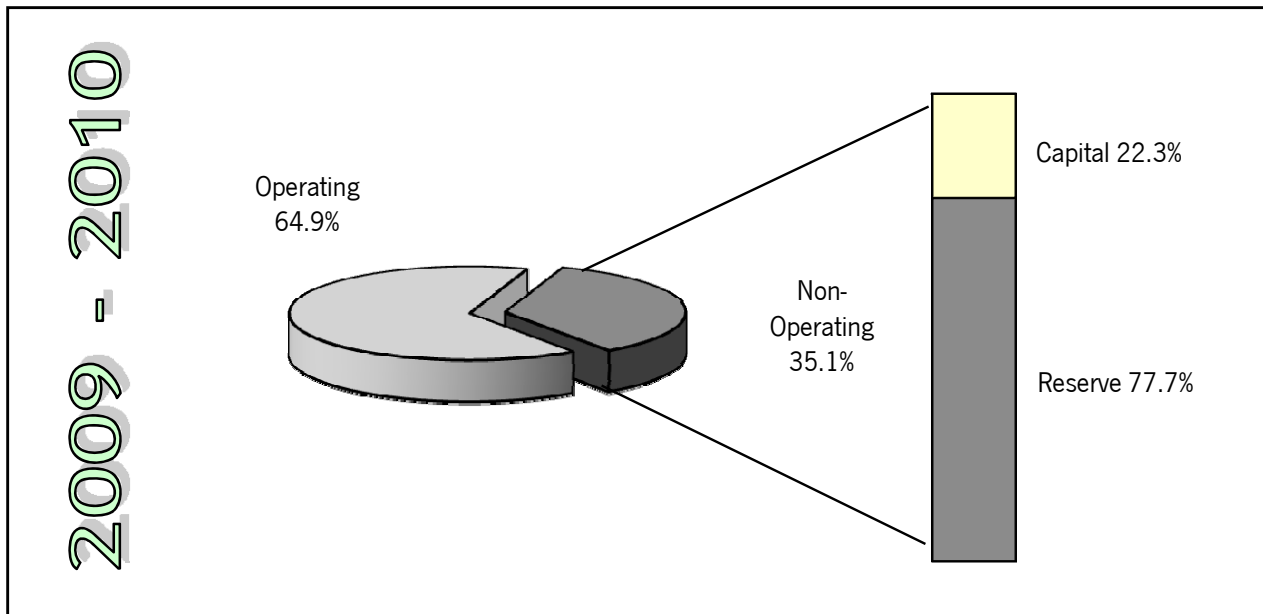


**CITY OF KIRKLAND**  
**SURFACE WATER UTILITY**  
**2009-2010 BUDGET SUMMARY: BY FUND TYPE/FUND**



The Surface Water Utility operating budget accounts for the operation and maintenance of the City's surface water system. The non-operating budget accounts for capital projects and reserves.

**Analysis of Change**

Fund	2007-2008 Budget	2009-2010 Budget	Percent Change
<b><i>Operating Fund</i></b>			
421 Surface Water Management	12,094,573	12,515,606	3.48%
<b>Total Operating Fund</b>	<b>12,094,573</b>	<b>12,515,606</b>	<b>3.48%</b>
<b><i>Non-Operating Fund</i></b>			
423 Surface Water Capital Projects	10,140,676	6,765,553	-33.28%
<b>Total Non-Operating Fund</b>	<b>10,140,676</b>	<b>6,765,553</b>	<b>-33.28%</b>
<b>Total Surface Water Utility Funds</b>	<b>22,235,249</b>	<b>19,281,159</b>	<b>-13.29%</b>

**CITY OF KIRKLAND**  
**CHANGE IN FUND BALANCE (Beginning 2007 to Ending 2010)**  
**SURFACE WATER UTILITY FUNDS**

	<b>Surface Water Management</b>	<b>Surface Water Capital Projects</b>	<b>Total</b>
<b>2007 Actual Beginning Fund Balance</b>	<b>1,587,239</b>	<b>4,014,876</b>	<b>5,602,115</b>
<i>Reserved</i>	<i>324,255</i>	<i>1,218,565</i>	<i>1,542,820</i>
<i>Unreserved Working Capital</i>	<i>1,262,984</i>	<i>2,796,311</i>	<i>4,059,295</i>
Plus: 2007-08 Estimated Revenues	10,490,918	5,973,165	<b>16,464,083</b>
Less: 2007-08 Estimated Expenditures	9,914,723	2,738,637	<b>12,653,360</b>
<b>2007-08 Estimated Ending Fund Balance</b>	<b>2,163,434</b>	<b>7,249,404</b>	<b>9,412,838</b>
Less: Funding for Carryovers to 2009	150,028	4,029,351	<b>4,179,379</b>
<b>2009 Budgeted Beginning Fund Balance</b>	<b>2,013,406</b>	<b>3,220,053</b>	<b>5,233,459</b>
Plus: 2009-10 Budgeted Revenues	10,502,200	3,545,500	<b>14,047,700</b>
Less: 2009-10 Budgeted Expenditures	9,858,049	1,659,250	<b>11,517,299</b>
<b>2010 Budgeted Ending Fund Balance</b>	<b>2,657,557</b>	<b>5,106,303</b>	<b>7,763,860</b>
<i>Reserved</i>	<i>394,485</i>	<i>1,919,869</i>	<i>2,314,354</i>
<i>Unreserved Working Capital</i>	<i>2,263,072</i>	<i>3,186,434</i>	<i>5,449,506</i>
<b>Change in Fund Balance: Beginning 2007 to Ending 2010</b>	<b>1,070,318</b>	<b>1,091,427</b>	<b>2,161,745</b>

**Notes:**

The increase in fund balance of the Surface Water Capital Projects Fund is due to the accumulation of resources for future projects.

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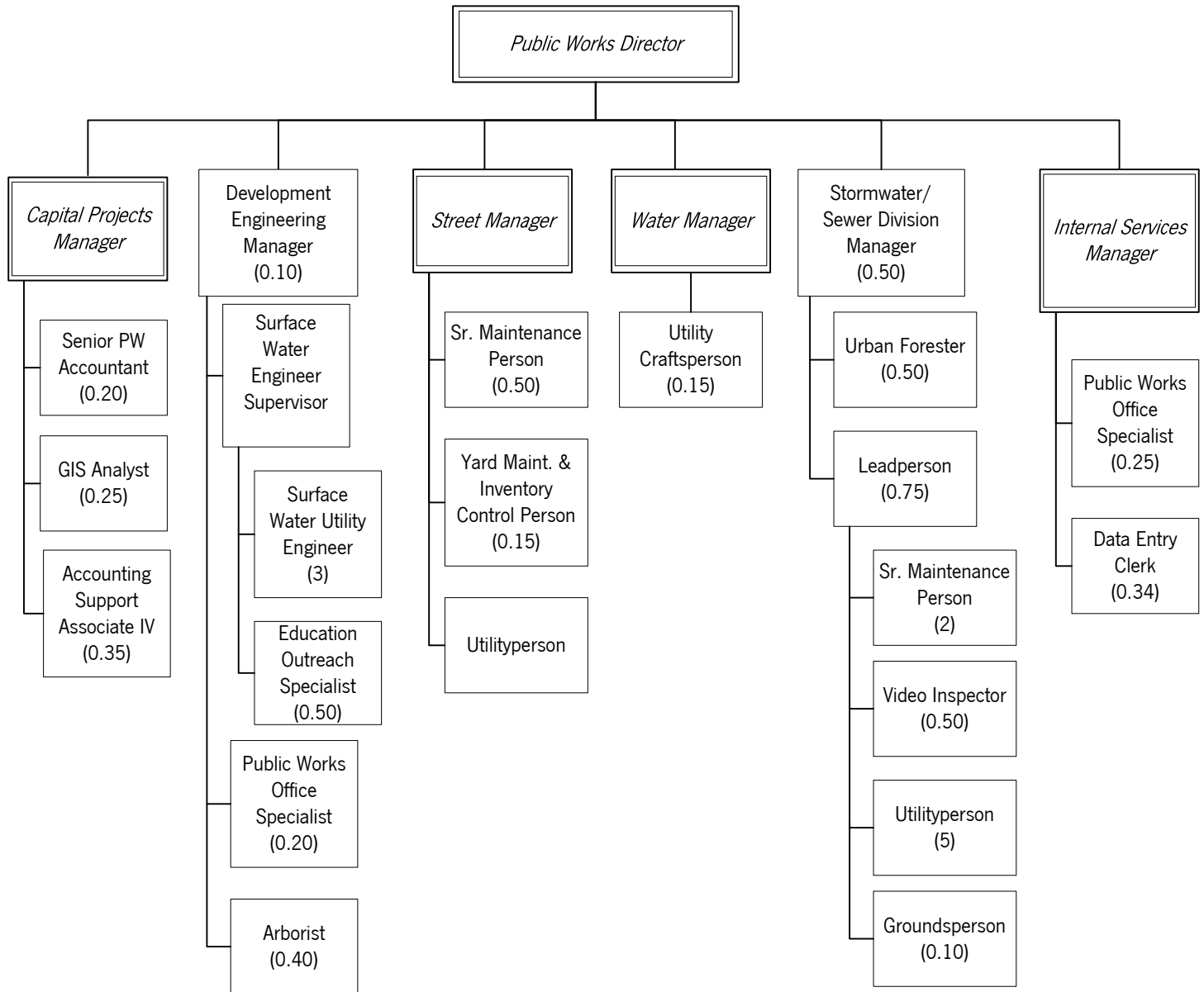
**OPERATING**



# CITY OF KIRKLAND

## Public Works Department

### Surface Water Management Fund



*Boxes with a double outline and italic text indicate positions which report to this department but which are budgeted in a separate operating fund.*

## DEPARTMENT OVERVIEW

# SURFACE WATER MANAGEMENT FUND

### MISSION

The Surface Water Utility Division of the Public Works Department is responsible for operating and maintaining the City's surface water system, which includes constructed elements such as pipes and catch basins, and natural resources such as streams and lakes. The Utility has overall goals to protect the public interest, providing services that reduce flooding, improve water quality, and restore aquatic habitat.

### DEPARTMENT FUNCTIONS

The **Surface Water Utility/Operations and Maintenance Division** operates, maintains, and repairs storm drain infrastructure including pipes, manholes, catch basins, ditches, and detention ponds. The storm drain system serves all residential, multifamily, and commercial customers.

The **Administration Division** accounts for all full-time, regular employee benefits, interfund charges and transfers for debt, and taxes paid to other jurisdictions.

The **Customer Service Division** conducts review of development proposals, insures City compliance with state and federal surface water regulations, monitors the quality of water and aquatic habitat, investigates water quality and drainage complaints, conducts education and outreach programs, inspects private detention systems, and conducts watershed planning.

The **Capital Improvement Program** includes major (>\$50k) projects that meet Surface Water Utility goals such as installation or replacement of pipes and manholes, or restoration of stream channels. Construction of these projects is managed within the Capital Construction Division of Public Works, and is funded by the Surface Water Utility.

### 2007-2008 ACCOMPLISHMENTS

- Video inspected all stormwater mains prior to street overlay repair.
- Rehabilitated 26 manholes prior to 2007 street overlay.
- Continued GIS map update for storm water infrastructure.
- Used Hansen Maintenance Management Information System (MMIS) for 2007-2008 annual Surface Water and Wastewater assets planning and maintenance.
- Utilized sewer and storm water video inspection vehicle to television sewer main conditions and recommended proactive measures to prevent surface water flooding and sewer overflows.
- Supported stricter runoff controls, detention requirements, public education and water quality guidelines in new state National Pollution Discharge Elimination System (NPDES) permit.
- Completed field projects, including catch basin and storm drain maintenance, to insure proper operation of the surface water system.
- Swept city streets an average of eleven times per year, and once every three days in the downtown corridor.
- Hosted Natural Yard Care training meetings for households in reducing runoff and pollution by using environmentally sound yard care practices.
- Overlay system upgrades installed on time with record amount of accomplishment to date in history of program.
- One new Eductor truck brought on-line, staff installed new tool boxes.
- Stormwater filter medium changed out on 126 cartridges completed in 2008.

- Performed mapping of stormwater systems in the Potential Annexation Area. Work was funded by a grant King County received from the Department of Ecology.
- Cleaned system with eductor, including root removals and manhole and tank cleanings.
- Updated City mapping system to include new system installations from development.
- Updated standards to include new manhole lid designs.
- Rehabilitated 26 manholes in 2007.
- Rehabilitated 85 catch basins in 2007.
- Replaced 347 lineal feet of defective storm pipe in 2007.
- Installed 182 lineal feet of new storm pipe, 5 new catch basins and 2 new manholes in 2007.
- Video inspected all stormwater mains prior to the street overlay repair.
- Enhanced and expanded public education and outreach:
  - Coordinated volunteer monitoring of water quality in Forbes Lake
  - Conducted volunteer events to remove invasive plants and plant native vegetation at three streamside locations
  - Provided stormwater education classes to 1,154 elementary school children through Nature Vision
  - Provided education on natural yard care techniques to residents in the Highlands Neighborhood
  - Conducted research and analysis that will be used in refining existing education efforts and in developing new education programs
- Conducted review of the surface water portion of over 100 development proposals.
- Inspected approximately 400 private storm drainage systems and notified owners of required maintenance.
- Investigated and resolved 171 water quality and drainage complaints in 2007, and 79 through July of 2008.
- Conducted visits to numerous businesses to discuss water quality protection and pollution prevention practices.
- Discovered and corrected several major cross-connections between the sanitary sewer and the storm drainage system.
- Conducted monitoring and provided detailed maintenance checklists for 4 stream and wetland mitigation sites.
- Produced first Annual Report and Stormwater Management Program documents and prepared for other aspects of compliance with the NPDES Stormwater Permit.
- Participated on advisory committee and provided policy direction to King County during formation of the King County Flood Control Zone Management District.
- Updated response plan and provided education/outreach to citizens and contracted for larviciding of 1,500 catch-basins in response to the threat of the West Nile Virus.
- Traced sources of bacteria in Juanita Creek that contribute to closure of Juanita Beach through intensive synoptic sampling via a grant from Ecology and partnership with King County.
- In partnership with King County, received a \$600k grant from Ecology to model and plan for water quality and flow retrofitting in the Juanita Creek Watershed.
- Completed GIS analysis of potential pollutant hot spots that will be used to guide source control and treatment efforts.
- Completed study that identified low impact development features that could be included in currently planned transportation projects.

## 2009-2010 OBJECTIVES

### *Environmental Stewardship*

- Expand education and outreach on surface water issues. Coordinate

education/outreach with wastewater and drinking water utilities, and with solid waste programs.

- Work with Graffiti Removal Program to remove graffiti from stormwater structures, including culverts, CB/Manholes and other stormwater assets as soon as possible after reports or discovery of graffiti.
- Provide outreach, education and restoration projects in partnership with Planning and Parks Departments to increase, protect and preserve Kirkland's urban forests which reduce stormwater runoff.

#### *Community Involvement*

- Continue development review, private stormwater system inspection, ongoing volunteer monitoring, restoration and educational activities, and drainage and water quality complaint investigation/resolution.
- Establish 501c3 non profit group, *Friends of Kirkland's Waterways*, with volunteers to be included in the Natural Resource Action Plan.
- Continue to investigate and respond to citizen claims of damage due to public tree damage, flooding and surface water concerns.
- Conduct community-based volunteer projects that remove invasive species and plant native vegetation near stream channels.
- Coordinate volunteer monitoring of water quality in Forbes and Totem Lakes.
- Promote environmentally sound fund-raising practices among charity groups by offering clean car-wash kits and alternative fund-raising ideas.
- Evaluate barriers and benefits of behaviors that impact water quality and aquatic habitat, and develop programs to address those barriers and benefits.
- Evaluate outreach and education programs, and adjust activities based on that evaluation.

#### *Investment in the Infrastructure*

- Continue mapping of private detention systems and integrate data into City's GIS.
- Continue to TV/Video Storm Conveyance system to apply data for maintenance management and replacement program needs through 2009 and 2010.
- Rehabilitate, replace, clean and extend the life of stormwater structures and conveyance systems for 2009 and 2010 related to street overlays and system wide as needed.
- Remove beaver dam activity when threatening stormwater structure functions and potential for public asset and safety impacts.
- Update urban forest inventory database.
- Protect, remove, replace, and plant additional trees in right of way to increase Urban Forest Canopy to 40% over the next 10 years.
- Review development proposals in order to insure that proposed infrastructure protects water quality and aquatic habitat to the extent possible.
- Improve aquatic habitat, reduce flooding, improve water quality, and reduce maintenance needs by constructing capital projects in stream channels or in other parts of the stormwater system.
- Improve water quality by adding water quality treatment and/or low impact development features to motorized and non-motorized transportation projects.

#### *Financial Stability*

- Maintain financial stability by examining programs and surface water utility fee and rate structure and adjusting fees and/or programs appropriately.

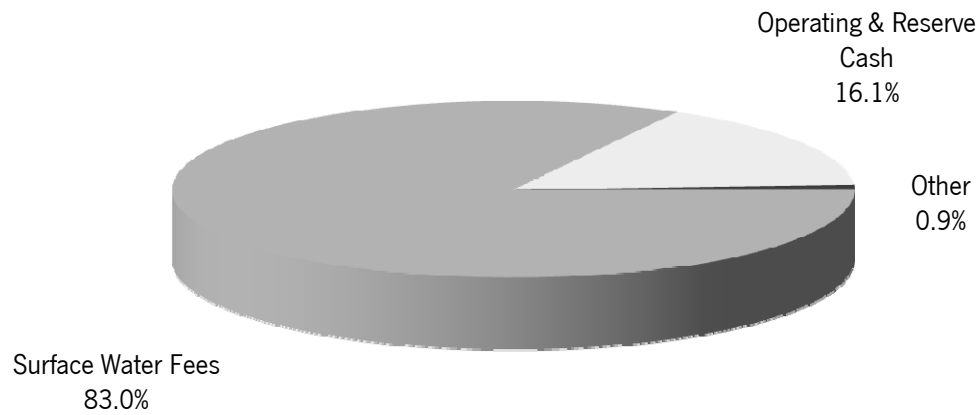
#### *Organizational Values*

- Participate in the Green Team and other efforts throughout the City that integrate and coordinate efforts that protect and sustain environmental quality in Kirkland.

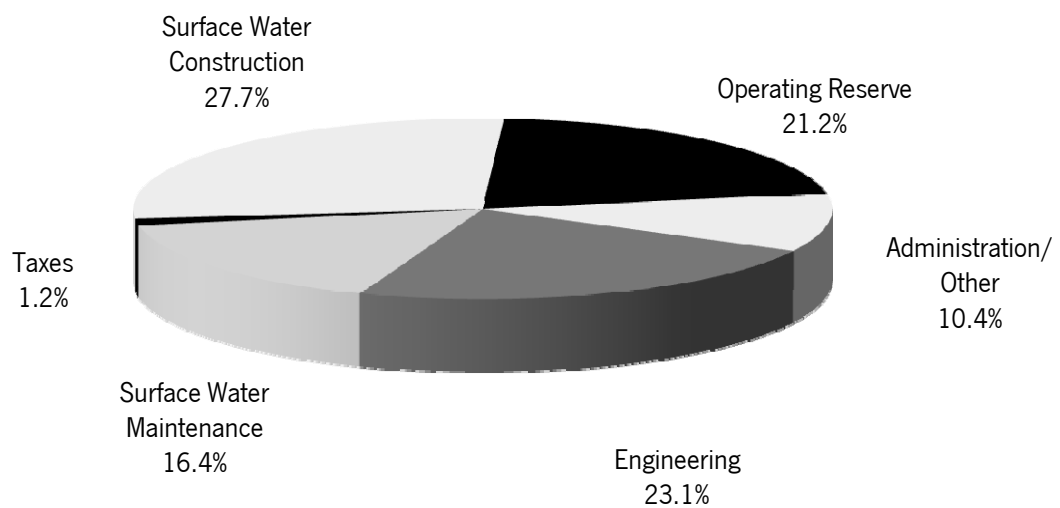


## 2009-2010 BUDGET SURFACE WATER MANAGEMENT FUND

**Sources of Funds**



**Uses of Funds**



**2009-2010 BUDGET ANALYSIS**

# ***SURFACE WATER MANAGEMENT FUND***

**ANALYSIS OF CHANGES**

<b>2007-08 Approved Budget (Including Carryovers)</b>	<b>12,094,573</b>
<b>Less Reserves</b>	<b>(923,083)</b>
<b>2007-08 Approved Budget (Excluding Reserves)</b>	<b><u>11,171,490</u></b>
<b>2009-10 Basic Budget Increases:</b>	
Employee Benefits	108,712
Central Services & Engineering Services Internal Charges	105,641
Salaries & Wages	96,102
Operating Supplies & Maintenance Inventory	55,850
Technology Internal Charges	48,468
Dept of Ecology Stormwater Permits	46,850
West Nile Virus Larvicide Service	28,000
King County Billing Charges	18,480
Net Miscellaneous Increases	15,702
Facilities Maintenance Internal Charge	12,889
Repairs and Maintenance	8,450
Insurance	7,072
Communications	4,840
<b>Total Basic Budget Increases</b>	<b><u>557,056</u></b>
<b>2009-10 Basic Budget Decreases:</b>	
Capital Improvement Program Funding Transfer	(2,366,700)
One-Time Adjustments & Carryovers	(198,960)
Fleet & Radio Internal Charges	(97,511)
Video Inspection Contract	(15,000)
<b>Total Basic Budget Decreases</b>	<b><u>(2,678,171)</u></b>
<b>2009-10 Basic Budget</b>	<b><u>9,050,375</u></b>
<b>2009-10 Expenditure Reductions:</b>	
Service Reductions - Workforce	-
Service Reductions - Program Costs	-
Travel/Training	-
Equipment/Supplies	-
Conservation/Efficiency	-
Internal Services Rate Reduction Impacts	(22,630)
Reallocations to Other Funds	128,905
<b>Total Expenditure Reductions</b>	<b><u>106,275</u></b>
<b>2009-10 Service Packages:</b>	
Surface Water Engineer	224,756
Urban Forester (.5 FTE)	100,667
Arborist	82,269
Maintenance Center Reallocation	58,120
GIS Analyst Reallocation	52,026
Public Grounds Tech	15,561
<b>Total Service Packages</b>	<b><u>533,399</u></b>
<b>2009-10 Final Budget (Excluding Reserves)</b>	<b><u>9,690,049</u></b>

**COMPARISON OF 2007-08 BUDGET TO 2009-10 BUDGET**

	<b>Difference</b>	<b>% Change</b>
<b>2007-08 Approved Budget (Excluding Reserves) to 2009-10 Final Budget (Excluding Reserves)</b>	<b>(1,481,441)</b>	<b>-13.26%</b>

**2009-2010 FINANCIAL OVERVIEW**

# ***SURFACE WATER MANAGEMENT FUND***

**FINANCIAL SUMMARY BY OBJECT**

	<b>2005-2006</b>	<b>2007-2008</b>	<b>2007-2008</b>	<b>2009-2010</b>	<b>Percent</b>
	<b>Actual</b>	<b>Estimate</b>	<b>Budget</b>	<b>Budget</b>	<b>Change</b>
Salaries and Wages	1,462,851	1,786,450	1,833,054	2,242,714	22.35%
Benefits	404,162	722,925	752,903	989,820	31.47%
Supplies	180,129	228,078	250,440	315,124	25.83%
Other Services	1,607,079	2,254,401	2,278,787	2,493,771	9.43%
Government Services	4,695,072	4,873,382	5,985,947	3,601,500	-39.83%
Capital Outlay	45,781	49,487	66,120	47,120	-28.74%
Rsvs/Undistributed Sal & Ben	0	0	927,322	2,825,557	204.70%
<b>TOTAL</b>	8,395,074	9,914,723	12,094,573	12,515,606	3.48%

**FINANCIAL SUMMARY BY DIVISION**

	<b>2005-2006</b>	<b>2007-2008</b>	<b>2007-2008</b>	<b>2009-2010</b>	<b>Percent</b>
	<b>Actual</b>	<b>Estimate</b>	<b>Budget</b>	<b>Budget</b>	<b>Change</b>
Customer Service	1,060,083	1,542,259	1,609,101	1,804,764	12.16%
Administration	1,574,778	2,265,881	3,171,141	5,710,450	80.08%
Capital Construction	4,550,049	4,671,949	5,755,737	3,449,233	-40.07%
Operations and Maintenance	1,210,164	1,434,634	1,558,594	1,551,159	-0.48%
<b>TOTAL</b>	8,395,074	9,914,723	12,094,573	12,515,606	3.48%

**POSITION SUMMARY BY DIVISION**

	<b>2005-2006</b>		<b>2007-2008</b>		<b>2009-2010</b>
	<b>Actual</b>	<b>Adjustments</b>	<b>Budget</b>	<b>Adjustments</b>	<b>Budget</b>
Customer Service	3.50	0.20	3.70	0.00	3.70
Administration	1.64	0.00	1.64	0.10	1.74
Capital Construction	0.00	0.00	0.00	0.00	0.00
Operations and Maintenance	10.05	0.00	10.05	2.25	12.30
<b>TOTAL</b>	15.19	0.20	15.39	2.35	17.74

**2009-2010 POSITION SUMMARY*****SURFACE WATER MANAGEMENT FUND*****POSITION SUMMARY BY CLASSIFICATION**

<b>Classification</b>	<b>2005-2006 Positions</b>	<b>2007-2008 Positions</b>	<b>2009-2010 Positions</b>	<b>2008 Salary Range</b>
Development Engineering Manager	0.00	0.00	0.10	7,362 - 9,499
Stormwater/Sewer Division Manager	0.00	0.50	0.50	6,283 - 8,107
Surface Water Engineer Supervisor	0.00	1.00	1.00	6,222 - 8,028
Surface Water Utility Engineer	2.00	2.00	3.00	5,543 - 6,519
Urban Forester	0.00	0.00	0.50	5,219 - 6,140
Arborist	0.00	0.00	0.40	5,148 - 6,150
Senior Public Works Accountant	0.20	0.20	0.20	5,215 - 6,135
Education Outreach Specialist	0.50	0.50	0.50	4,852 - 5,708
Leadperson	0.75	0.75	0.75	4,685 - 5,653
GIS Analyst	0.00	0.00	0.25	4,740 - 5,577
Senior Maintenance Person	3.50	2.50	2.50	3,931 - 5,078
Yard Maintenance & Inventory				
Control Person	0.15	0.15	0.15	3,931 - 5,078
Utility Craftsperson	0.15	0.15	0.15	3,663 - 4,683
Accounting Support Associate IV	0.35	0.35	0.35	3,773 - 4,439
Utilityperson	5.00	6.00	6.00	3,094 - 4,256
Video Inspector	0.50	0.50	0.50	3,094 - 4,256
Public Works Office Specialist	0.25	0.45	0.45	3,376 - 3,972
Data Entry Clerk	0.34	0.34	0.34	3,025 - 3,559
Groundsperson	0.00	0.00	0.10	3,094 - 4,256
Surface Water & Wastewater Manager	0.50	0.00	0.00	
Senior Surface Water Engineer	1.00	0.00	0.00	
<b>TOTAL</b>	15.19	15.39	17.74	

**City of Kirkland  
2009-10 Budget**

**Revenue**

		<b>2005-06 Actual</b>	<b>2007-08 Estimate</b>	<b>2007-08 Budget</b>	<b>2009-10 Budget</b>	<b>Percent Change</b>
<b>Fund: Surface Water Mgmt Utility (421)</b>						
<b>Intergovernmental Revenue</b>						
<b>Direct Federal Grants</b>						
Dept of Homeland Security	3319703	0	27,779	10,795	0	0.00 %
<b>Total for Direct Federal Grants:</b>		0	27,779	10,795	0	0.00 %
<b>State Grants</b>						
Military Department	3340180	0	1,799	0	0	0.00 %
<b>Total for State Grants:</b>		0	1,799	0	0	0.00 %
<b>Interlocal Grants/Entitlements</b>						
Other King County Grants	3370801	4,000	0	0	0	0.00 %
<b>Total for Interlocal Grants/Entitlements:</b>		4,000	0	0	0	0.00 %
<b>Total for Intergovernmental Revenue:</b>		4,000	29,578	10,795	0	0.00 %
<b>Charges for Goods and Services</b>						
<b>Physical Environment</b>						
Residential Storm Drainage Fee	3438301	4,053,200	4,664,725	4,720,186	4,775,000	1.16 %
Commercial Storm Drainage Fee	3438302	4,574,252	5,166,336	5,320,853	5,275,000	-0.86 %
<b>Total for Physical Environment:</b>		8,627,452	9,831,061	10,041,039	10,050,000	0.08 %
<b>Interfund/Interdep Sales Svc</b>						
Interfund-Other Gen Govnm't	3491901	13,439	162,891	2,000	42,000	2,000.00 %
Interfund Engineering-CIP Eng	3493202	285,270	294,763	300,000	300,000	0.00 %
<b>Total for Interfund/Interdep Sales Svc:</b>		298,709	457,654	302,000	342,000	13.24 %
<b>Total for Charges for Goods and Services:</b>		8,926,161	10,288,715	10,343,039	10,392,000	0.47 %
<b>Miscellaneous Revenues</b>						
<b>Interest and Other Earnings</b>						
Investment Interest	3611101	88,969	169,447	151,500	106,200	-29.90 %
<b>Total for Interest and Other Earnings:</b>		88,969	169,447	151,500	106,200	-29.90 %
<b>Other Misc Revenues</b>						
Other Judgements & Settlements	3694001	2,995	2,610	0	2,000	0.00 %
Other Misc Revenue	3699001	0	568	2,000	2,000	0.00 %
<b>Total for Other Misc Revenues:</b>		2,995	3,178	2,000	4,000	100.00 %
<b>Total for Miscellaneous Revenues:</b>		91,964	172,625	153,500	110,200	-28.20 %
<b>Other Financing Sources</b>						
<b>Operating Transfer In</b>						
Operating Transfer In	3971001	10,687	0	0	0	0.00 %

**City of Kirkland  
2009-10 Budget**

**Revenue**

		<b>2005-06 Actual</b>	<b>2007-08 Estimate</b>	<b>2007-08 Budget</b>	<b>2009-10 Budget</b>	<b>Percent Change</b>
<b>Total for Operating Transfer In:</b>		10,687	0	0	0	0.00 %
<b>Resources Forward</b>						
Resources Forward	3999901	0	1,587,239	1,587,239	2,013,406	26.84 %
<b>Total for Resources Forward:</b>		0	1,587,239	1,587,239	2,013,406	26.84 %
<b>Total for Other Financing Sources:</b>		10,687	1,587,239	1,587,239	2,013,406	26.84 %
<b>Total for Surface Water Mgmt Utility:</b>		9,032,812	12,078,157	12,094,573	12,515,606	3.48 %

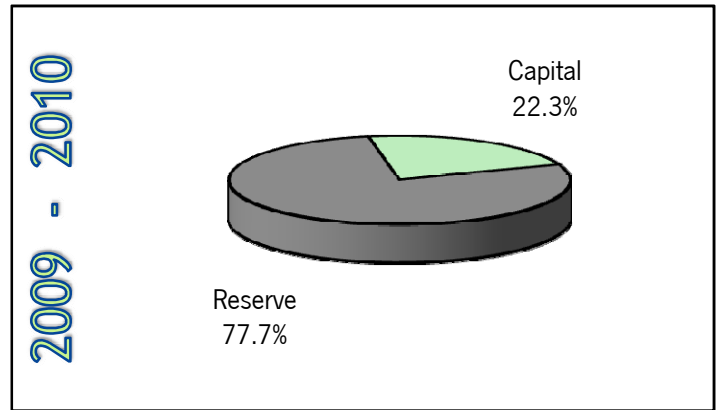
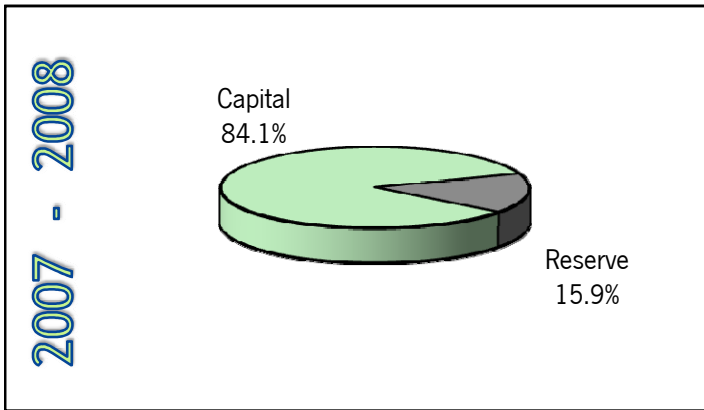
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**NON-OPERATING**





# CITY OF KIRKLAND SURFACE WATER UTILITY



## 2007-2008 BUDGET SUMMARY: BY PURPOSE

Fund	2007-2008 Budget	Purpose			
		Reserve	Debt	Capital	Other
423 Surface Water Capital Projects	10,140,676	1,614,388	0	8,526,288	0
<b>Total Non-Operating Funds</b>	<b>10,140,676</b>	<b>1,614,388</b>	<b>0</b>	<b>8,526,288</b>	<b>0</b>

## 2009-2010 BUDGET SUMMARY: BY PURPOSE

Fund	2009-2010 Budget	Purpose			
		Reserve	Debt	Capital	Other
423 Surface Water Capital Projects	6,765,553	5,256,203	0	1,509,350	0
<b>Total Non-Operating Funds</b>	<b>6,765,553</b>	<b>5,256,203</b>	<b>0</b>	<b>1,509,350</b>	<b>0</b>



**CITY OF KIRKLAND**

***SURFACE WATER UTILITY CAPITAL  
PROJECTS FUND***

Capital Projects Funds are used to fund and track the construction of projects approved in the Capital Improvement Program. The City Council adopts a six-year Capital Improvement Program (CIP) which is a plan for major improvements or purchases needed in the areas of transportation (streets, sidewalks, signals, and intersections), storm drains, water and sewer systems, parks, public safety, and other general government facilities and equipment. The Council revises the CIP biennially. The Surface Water portion of the CIP includes only those projects associated with the surface water utility.

The **Surface Water Capital Projects Fund** accounts for surface water projects which are ultimately funded by a portion of the surface water fees paid by all property owners within the City. Included in the fund is the Surface Water CIP Contingency and the Surface Water Reserve. The former has a target of ten percent of the funded six-year Surface Water CIP and provides a cushion in the event of unanticipated changes in project scope or cost. The latter is comprised of depreciation funding from a portion of the surface water fees for funding future replacement of the Surface Water infrastructure.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2009-2010 BUDGET**

**SURFACE WATER CAPITAL PROJECTS FUND (423)\***

<b>Project Category/ Project Title</b>	<b>Project Number</b>	<b>Funding Source</b>
<b>SURFACE WATER MANAGEMENT</b>		
Annual Replacement Of Aging/Failing Infrastructure	SD 0047	Surface Water Rates
Cochran Springs/Plaza At Yarrow Bay Flood Control	SD 0065	Surface Water Rates
<b>Total Surface Water Management</b>		
<b>TOTAL SURFACE WATER CAPITAL PROJECTS FUND</b>		

\* The Surface Water Capital Projects Fund also includes funding for surface water elements of Transportation projects. Information about these projects can be found in the Capital Project Funds section.

2009 Budget	2010 Budget	Estimated Total Project Cost	Additional Annual Maintenance & Operations	
			2009	2010
200,000	200,000	1,200,000	0	0
145,800	0	205,800	0	0
<u><b>345,800</b></u>	<u><b>200,000</b></u>	<u><b>1,405,800</b></u>	<u><b>0</b></u>	<u><b>0</b></u>
<b>345,800</b>	<b>200,000</b>	<b>1,405,800</b>	<b>0</b>	<b>0</b>

**City of Kirkland**  
**2009-2014 Capital Improvement Program**

**SURFACE WATER MANAGEMENT UTILITY PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2009	2010	2011	2012	2013	2014	2009-2014 Total	Funding Source		
										Current Revenue	Reserve	Debt
SD 0047	Annual Replacement of Aging/Failing Infrastructure		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000		
SD 0051*	Forbes Creek/KC Metro Access Road Culvert Enh.	232,200							733,700	733,700		
SD 0053*	Forbes Creek/Coors Pond Channel Grade Controls	260,200							855,900	855,900		
SD 0058*	Surface Water Sediment Pond Reclamation Phase II					101,000	570,700	184,200	832,800	832,800		
SD 0065*	Cochran Springs/Plaza at Yarrow Pt Flood Control					115,400	603,200	114,200	145,800	145,800		
<b>SD 0067</b>	<b>NE 129th Place/Juanita Creek Rockery Repair</b>	60,000	145,800			<b>115,500</b>	<b>223,300</b>	<b>165,800</b>	<b>223,500</b>	<b>338,800</b>		
<b>SD 8888</b>	<b>Annual Streambank Stabilization Program</b>					<b>57,700</b>		<b>923,800</b>	<b>223,500</b>	<b>223,500</b>		
<b>SD 9999</b>	<b>Annual Storm Drain Replacement Program</b>					<b>922,600</b>			<b>1,846,400</b>	<b>1,846,400</b>		
<b>Total Funded Surface Water Management Utility Projects</b>			<b>345,800</b>	<b>200,000</b>	<b>200,000</b>	<b>1,512,200</b>	<b>2,330,900</b>	<b>1,588,000</b>	<b>6,176,900</b>	<b>6,176,900</b>	<b>0</b>	<b>0</b>

**Unfunded Projects:**

Project Number	Project Title	Total	Prior Year(s)	2009	2010	2011	2012	2013	2014	2009-2014 Total	Current Revenue	Reserve	Debt	External Source
SD 0046*	Regional Detention In Forbes and Juanita Creek Basins	2,810,200												
SD 0048*	Cochran Springs / Lake Washington Blvd Crossing Enh.	1,627,100												
SD 0055*	Forbes Creek / 98th Avenue NE Riparian Plantings	75,500												
SD 0059***	Totem Lake Boulevard Flood Control Measures	1,136,200												
<b>SD 0068</b>	<b>128th Ave NE/NE 60th Street To NE 64th St Drainage Imp.</b>	<b>270,300</b>												
<b>SD 0070</b>	<b>Juanita Creek Watershed Enhancement Study</b>	<b>50,000</b>												
SD 0537***	Streambank Stabilization Program – NE 86th Street	640,200												
<b>Total Unfunded Surface Water Management Utility Projects</b>		<b>6,609,500</b>												

**Prior Year(s) Funding (Budget to Actuals):**

Project Number	Project Title	Budget	Actual	Balance
SD 0051*	Forbes Creek/KC Metro Access Road Culvert Enh.	232,200	87,908	144,292
SD 0053*	Forbes Creek/Coors Pond Channel Grade Controls	260,200	84,147	176,053
SD 0059**	Totem Lake Boulevard Flood Control Measures	490,900	74,162	416,738
SD 0065*	Cochran Springs/Plaza at Yarrow Pt Flood Control	60,000	20,204	39,796
SD 0537***	Streambank Stabilization Program – NE 86th Street	60,000	20,204	39,796
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>1,103,300</b>	<b>286,625</b>	<b>816,675</b>

**Notes:**

\* = Modification in timing and/or cost (see Project Modification/Deletion Schedule for greater detail)

+ = Moved from unfunded status to funded status

" = Moved from funded status to unfunded status

Shaded year(s) = Previous timing

Bold Italics = New projects